Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 08 Mar 2022 until 23:59 on Wednesday 09 Mar 2022

Forecast Issued on Monday 07 Mar 2022 at 16:40

Confidence: High for significantly more unsettled than off late, but lowering confidence for the detail of worst of conditions.

Headline for Tuesday 08 Mar 2022: Dry, bright but cold start. Lifting freezing level, summit gales and occasional rain later.

Mountain weather hazards on Tuesday 08 Mar 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Clear night	Sunny	Sunny	Sunny	Cloudy	Light rain	Light rain
Precipitation probability							
00%	00%	00%	00%	00%	10%	40%	40%

Forecast for Tuesday 08 Mar 2022

Weather: Dry overnight, initially rather cloudy, but clear spells developing towards dawn. A fine, dry morning with prolonged periods of spring sunshine, but feeling cold with very low freezing levels and strong summit winds. Cloud gradually thickening from the west during the afternoon, with some patchy light for the evening.

Chance of cloud-free hill tops above 600m: Near 100% at first becoming 60% during the evening.

Low cloud and visibility: Good or very good, becoming moderate or poor in later rain, very poor in cloud with bases sporadically lowering 600m in later rain.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Tuesday 08 Mar 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	33/42 SE	27/36 SE	24/34 SE	29/38 SE	29/38 SE	29/38 SE	28/38 S	24/33 S	21/30 S
300	18/27 SE	16/25 SE	19/30 SE	22/32 SE	25/34 SE	24/34 SE	22/32 S	18/29 S	14/24 S
Valley	12/25 SE	10/21 E	10/21 E	12/26 SE	18/35 SE	17/34 SE	16/33 S	13/28 S	9/23 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-11	-3/-11	-4/-12	-2/-10	2/-6	4/-2	4/-2	4/-2	3/-3
300	1/-5	-0/-6	-1/-8	1/-6	5/-1	7/2	7/2	6/2	6/1
Valley	2/-3	0/-4	-1/-5	2/-3	6/2	8/5	8/4	7/3	5/2
Freezing Level*	200m	100m	00m	100m	500m	1200m	1200m	1200m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Marked wind chill at height through to late morning. Gales across most exposed ridges and summits.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 07 Mar 2022	6.4mm	7.4mm	8mm

Forecast for Wednesday 09 Mar 2022

Weather: Mainly dry for much of the day with some brighter spells breaking through the quite extensive veil of higher cloud. Cloud thickening to bring occasional rain for the evening.

Maximum wind: South or southeast mean 25-30mph with gusts reaching 45mph across most exposed ridges and summits.

Chance of cloud-free hill tops above 600m: 80% at first becoming 40% from early evening.

Low cloud and visibility: Good or very good, becoming moderate or poor in rain, very poor in cloud with bases infrequently lowering 600m for much of the day, occasionally so in later rain.

Temperature: **Valleys:** Zero Celsius increasing plus 13 Celsius during the afternoon
At 600m: Plus 3 Celsius increasing 6 Celsius
Freezing level: 1000m rising 1500m

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